

PAT-NO: JP407219789A

DOCUMENT-IDENTIFIER: JP 07219789 A

TITLE: METHOD FOR PROCESSING EXTERNAL EVENT IN PLURAL
THREAD SYSTEMS

PUBN-DATE: August 18, 1995

INVENTOR-INFORMATION:

NAME

AULT, DONALD F

ERNEST, SCOTT BENDER

JOHN, KEVIN FRANKS

JOHN, ARTHUR HELMBOLD

ASSIGNEE-INFORMATION:

NAME

INTERNATL BUSINESS MACH CORP <IBM>

COUNTRY

N/A

APPL-NO: JP06262140

APPL-DATE: October 26, 1994

INT-CL (IPC): G06F009/46

ABSTRACT:

PURPOSE: To provide a method for processing an external event through a 1st thread by adjusting the stop of additional thread of plural thread applications.

CONSTITUTION: In response to the detection of the external event, the 1st sled transmits the event of stop for stopping that execution to the other additional thread of the application. Each thread does not hold severe resources. Therefore, when it is judged that it is safe to stop, each thread stops. The 1st sled is restarted before the stop of the final thread, and it

is possible to perform an important operation freely without being interferred from the other additional threads. When the stop is an interruptive type, the interrupted execution of the other additional thread is restarted as soon as the important operation is completed, and the application recovers its ordinary operation.

COPYRIGHT: (C)1995,JPO